RUI TANG

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Contact Information

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Education

Ph.D. in Economics, Princeton University	2017-2021
M.A. in Economics, NUS	2014-2017
B.Sc. in Applied Mathematics, CUFE	2009-2013

Employment

Assistant Professor in Economics, HKUST	2021-2026
Associate Professor in Economics, HKUST	2026-

Publications

1. "Associative Networks in Decision Making" with Jiangtao Li and Mu Zhang, **American Economic Review**, forthcoming.
2. "Coarse Revealed Preference" with Gaoji Hu, Jiangtao Li and John K.-H. Quah, **Theoretical Economics**, 21(2):351-372, 2026.
3. "Path Dependency in Physician Decisions" with Lawrence Jin, Han Ye, Junjian Yi and Songfa Zhong, **Review of Economic Studies**, 91(5): 2916–53, 2024.
4. "Motivated Naivete" with Mu Zhang, **Journal of Economic Theory**, 209: 105636, 2023.
5. "Maxmin Implementation" with Mu Zhang, **Journal of Economic Theory** 194: 105250, 2021.
6. "The Revealed Preference Theory of Stable Matchings with One-sided Preferences" with Gaoji Hu and Jiangtao Li, **Games and Economic Behavior** 124: 305-318, 2020.
7. "Time Dependency in Physician Decision-Making" with Lawrence Jin, Han Ye, Junjian Yi and Songfa Zhong, **AEA Papers and Proceedings** 110: 284-288, 2020.
8. "Every Random Choice Rule is Backwards-Induction Rationalizable" with Jiangtao Li, **Games and Economic Behavior** 104: 563-567, 2017.

Working Papers

1. "A Theory of Contraction Updating"
   — Jaffray Lecture Award of 2024 RUD Conference
2. "Revealed Convex Preference"
   —with John K.-H. Quah
3. "Associationistic Luce Rule",
   —with Jiangtao Li
4. "Calibrated Menu Effects"
   —with Ting Pei, Xiangqian Yang and Chen Zhao.

5. "Dynamic Questionnaire"
   —with Ting Pei and Qinggong Wu.

Grants, Awards and Honors

General Research Fund by RGC: HKD 411,408	PI, Jan 2027-Dec 2029
HKUST SBM Strategic Fund for Futuristic Business Research: HKD 2,500,000	Co-PI, Sep 2025-
General Research Fund by RGC: HKD 430,996	PI, Jan 2026-Dec 2027
Lee Heng Fellowship	Dec 2024-
HKUST GECO Young Faculty	2024
Jaffray Lecture Award of RUD Conference	2024
Early Career Scheme Fund by RGC: HKD 487,844	PI, Jan 2024-Dec 2026
HKUST Start-up Research Fund	2021
DETC Summer Grant of Princeton University	2020
Stephen Goldfeld Memorial Graduate Summer Fellowship	2020
Princeton University Graduate Fellowship	2017-2021
NUS Research Scholarship	2014-2017

Journal Referee

American Economic Review, Econometrica, Review of Economic Studies, Theoretical Economics, Journal of Economic Theory, Economic Journal, Management Science, International Economic Review, Economic Theory, Journal of Economic Behavior and Organization, Journal of Mathematical Economics, Canadian Journal of Economics, Economics Letters, Pacific Economic Review

Conference Service

Discussant for "Lorenz Expected Utility Theory" by Professor Faruk Gul in Editors-in-Chief Conference on Economics at Beijing Jiaotong University (2023)

Co-organizer for Science of Decision Making (SDM) Conference (2024, 2025, 2026)

Scientific Committee for Asian Meeting of the Econometric Society, China (2026)

Program Committee for ACM Conference on Economics and Computation (EC'26)

Presentations

Seminars: Johns Hopkins University (2019), Fudan University (2019), Princeton University (2020), Peking University HSBC Business School (2020), Chinese University of Hong Kong Shenzhen (2020), Hong Kong University (2021), National University of Singapore (2021), Hong Kong University of Science and Technology (2021), University of Michigan (2021), Australian National University (2021), Jinan University (2021), Shanghai University of Finance and Economics (2021), Nanjing University (2022), Australian National University (2022), Chinese University of Hong Kong (2024), Shanghai University of Finance and Economics (2024), Peking University (2024), Renmin University of China (2024), Singapore Management University (2024), Shandong University (2025), California Institute of Technology (2026), Columbia University (2026), Princeton University (2026), Baptist University of Hong Kong (2026), Hitotsubashi University (2026)

Workshops and Conferences: Econometric Society Summer School (National University of Singapore, 2018), National University of Singapore Alumni Theorists Conference (2020), International Conference on Social Choice and Voting Theory (Virginia Tech, 2021), CMID (National University of Singapore, 2022), SAET (Australian National University, 2022), HK Junior Theory Group Meeting (Hong Kong University of Science and Technology, 2022), Asia-Pacific ESA Meeting (Seoul National University, 2023), BizTalk (Hong Kong University of Science and Technology, 2024), Faruk Gul's 65 Birthday Conference (Princeton University, 2024), RUD Conference (Northwestern University, 2024),

SDM Conference (Hong Kong University of Science and Technology, 2024), AMES China (Zhejiang University, 2024), SUSTech-SZU Micro Workshop (2024), National University of Singapore Theory Workshop (2025), Manchester University Micro-theory Workshop (2025), SDM Conference (Southwestern University of Finance and Economics, 2025), HEAT Conference (Huazhong University of Science and Technology, 2025), Decision Science Symposium (Southwestern University of Finance and Economics, 2025), CMGTA Conference (invited talk, Jiangnan University, 2026), PHBS Workshop in Economics (2026), Shanghai Micro Workshop (Shanghai University of Finance and Economics, 2026)

Teaching

ECON5100 PhD Math (2026, Fall Semester)
ECON5210 PhD Microeconomic Theory (2021-26, Fall Semester)
ECON6120 PhD Decision Theory (2021 and 2024, Fall Semester)
ECON2113 UG Microeconomics (2022-25, Fall Semester)
Excellent Teaching Recognition: ECON5210 (2022-25), ECON2113 (2025)

Students Supervising

Current students (co-supervise): Lei YU (PhD)
Graduated students (co-supervise): Muyang YE (MPhil to PhD at Georgetown University), Yuejia ZHU (MSc to PhD at NUS, 2025), Ziyan CAO (MSc to PhD at University of Lausanne, 2026).